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# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 05009076  
PUBLICATION DATE : 19-01-93

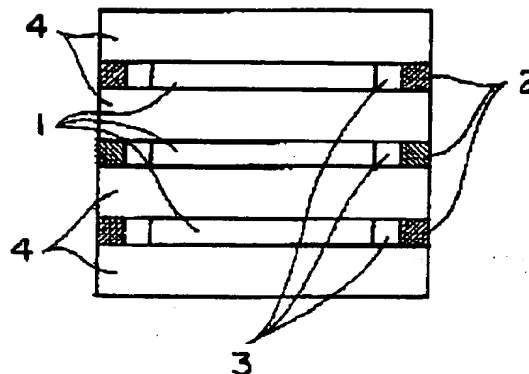
APPLICATION DATE : 27-06-91  
APPLICATION NUMBER : 03183295

APPLICANT : MURATA MFG CO LTD;

INVENTOR : SAKABE YUKIO;

INT.CL. : C04B 35/58 C04B 35/64

TITLE : PRODUCTION OF ALUMINUM NITRIDE  
SUBSTRATE



ABSTRACT : PURPOSE: To enable the control of an atmosphere at the time of firing without using a firing vessel and to prevent the occurrence of defects such as warp and cracks in aluminum nitride substrates.

CONSTITUTION: Green sheets 1 of aluminum nitride and a frame material 2 are subjected to binder removing treatment and the frame material 2 is calcined. Each of the green sheets 1 is put in the frame material 2 and the sheets 1 are superposed while holding each of the sheets 1 and the frame material 2 between setters 4 made of boron nitride. The sheets 1 are then fired.

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